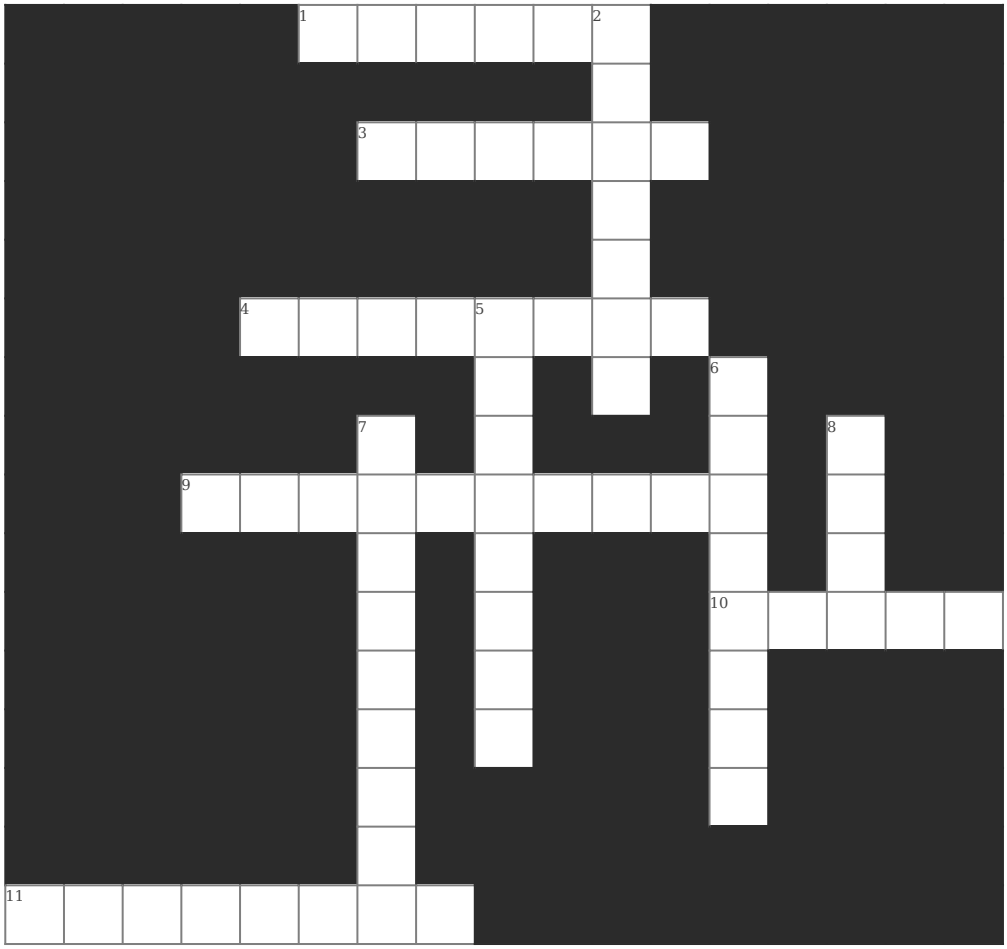
Chapter 8 · Introduction to Trigonometry

Part 7b · The Crossword

Same rules as an ordinary crossword — but every word is maths vocabulary from this chapter.



ACROSS

1. Reciprocal of cosine

3. Ratio of the adjacent side to the hypotenuse

4. The side next to the angle, that is not the hypotenuse

9. Longest side of a right triangle, facing the right angle

10. A Greek letter commonly used to denote an unknown angle

11. The side facing the angle we are working with

DOWN

2. Ratio of the opposite side to the adjacent side

5. Reciprocal of sine

6. An equation true for all values of the angle involved

7. Reciprocal of tangent

8. Ratio of the opposite side to the hypotenuse

You now hold six ratios, one table, and three identities — enough to turn any right triangle into a solvable puzzle of angles and sides. □□